

Serial Nr.: 10/724,741  
Art Unit: 2879

03250-UPL

AMENDMENTS TO THE CLAIMS:

1-9. (Cancelled).

10. (New) A field emission display comprising:

a cathode plate having a substrate and a plurality of cathode electrodes formed in parallel on said substrate;

a plurality of electron emitters formed on said plurality of cathode electrodes;

a plurality of dielectric strips formed substantially perpendicularly to said plurality of cathode electrodes on said substrate, said plurality of cathode electrodes and said plurality of electron emitters;

a plurality of gate electrodes formed on said plurality of dielectric strips; and

an anode plate above said plurality of gate electrodes at a distance, said anode plate having a plurality of light emitting strips formed at a bottom surface;

wherein a rectangular shaped recessed area is formed above said substrate on each side of every electron emitter between two adjacent gate electrodes.

11. (New) The field emission display according to claim 10, wherein said plurality of electron emitters are made of carbon nano-tubes.